

FIG. 1

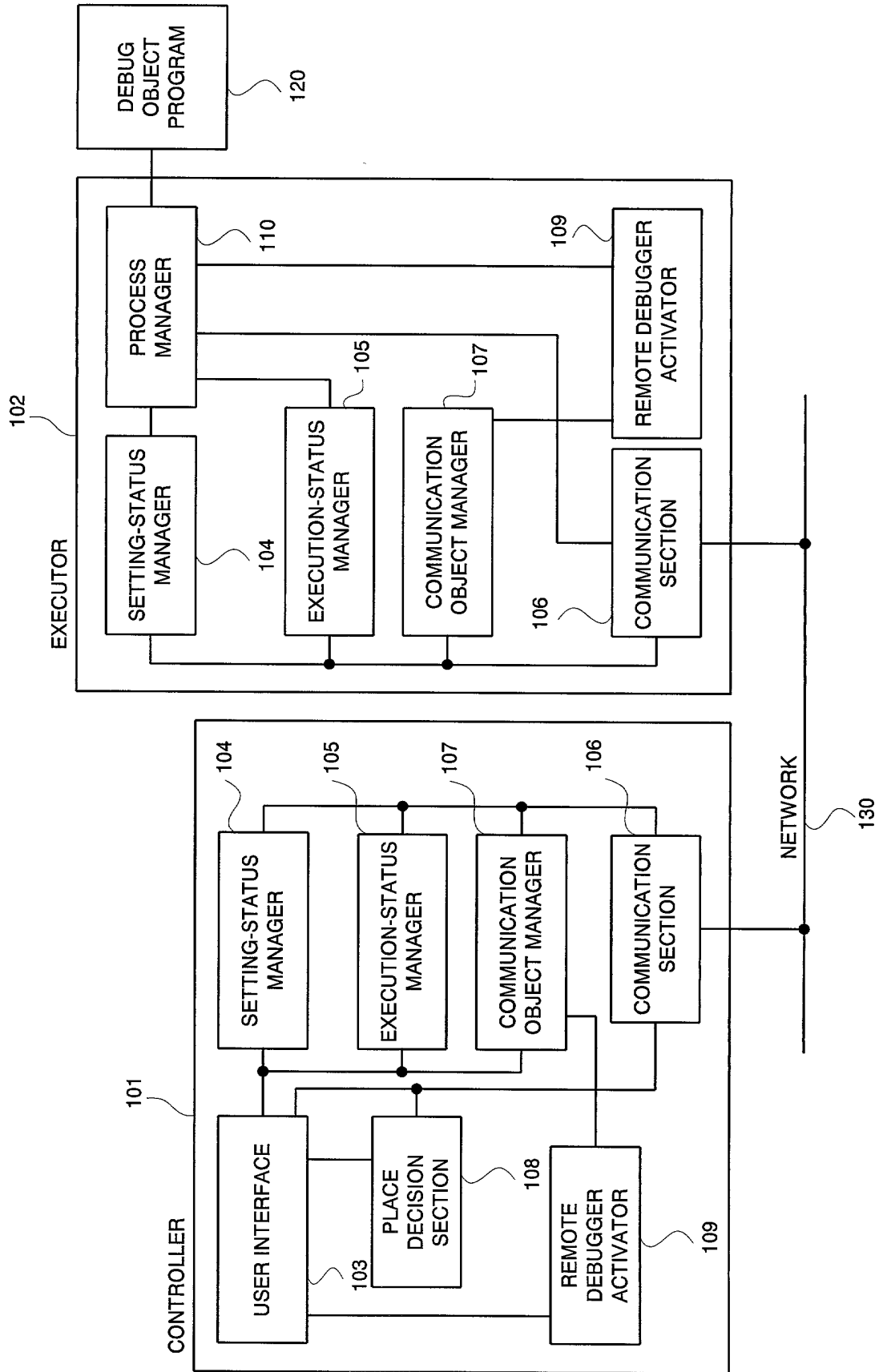


FIG. 2 is a block diagram of a system architecture for a remote debugger. The system includes a Controller 101, an Executor 102, and a Remote Program Executor 201. The Controller 101 contains a User Interface 31, an Input/Output Function 132, an Input Interpretation Function 133, an Output Shaping Function 134, a Place Decision Section 103, and a Remote Debugger Activator 109. The Executor 102 contains a Setting-Status Manager 104, an Execution-Status Manager 105, a Communication Object Manager 107, and a Communication Section 106. The Remote Program Executor 201 contains a Remote Debugger Activator 109 and a Remote Program Executor 201. The system is connected to a Network 130. A Debug Object Program 120 is connected to the Process Manager 110, which is connected to the Setting-Status Manager 104. The Setting-Status Manager 104 is connected to the Execution-Status Manager 105, which is connected to the Communication Object Manager 107. The Communication Object Manager 107 is connected to the Communication Section 106. The Communication Section 106 is connected to the Network 130. The Network 130 is connected to the Remote Program Executor 201. The Remote Program Executor 201 is connected to the Remote Debugger Activator 109. The Remote Debugger Activator 109 is connected to the Remote Program Executor 201.

FIG. 2

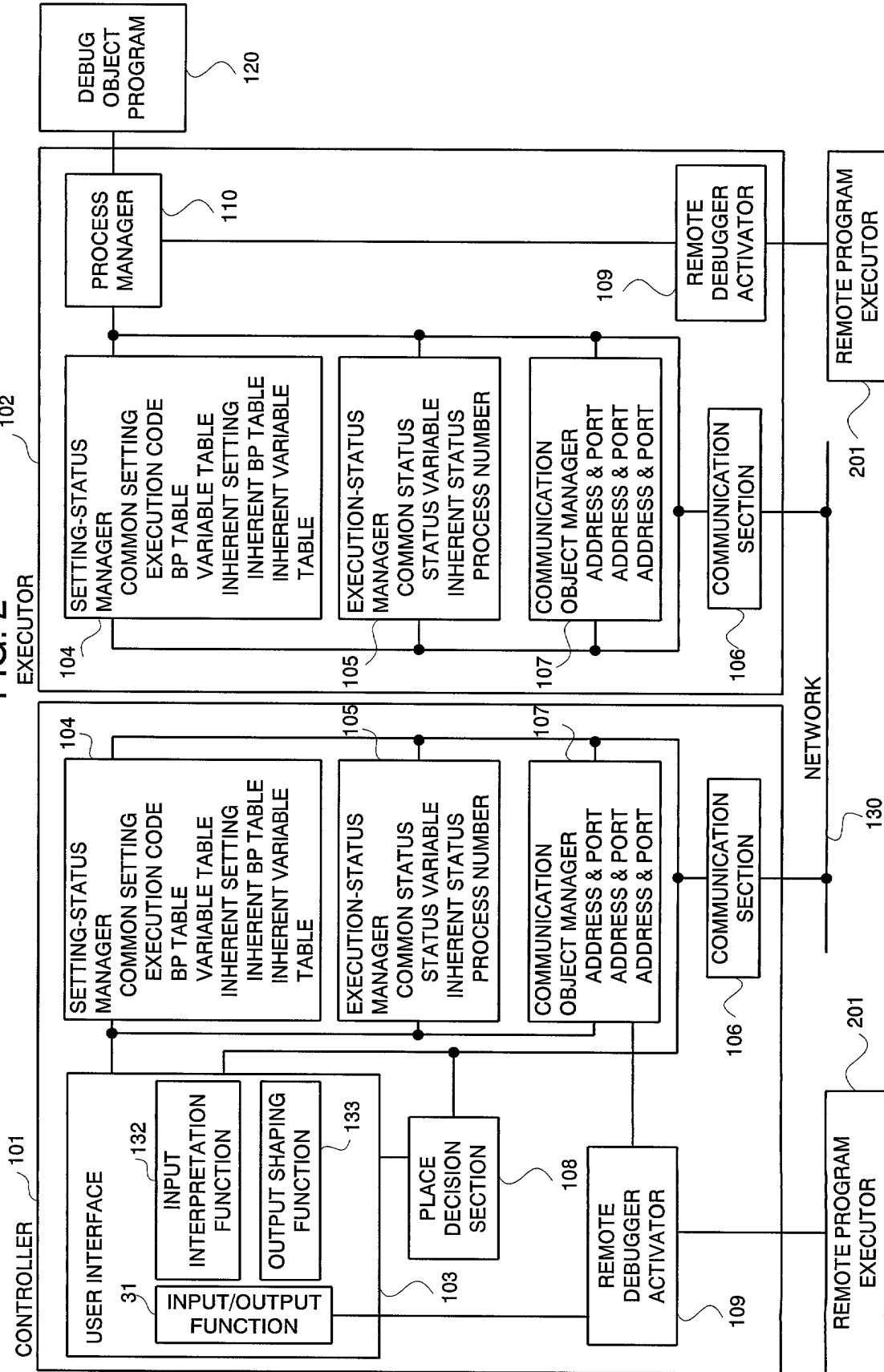


FIG. 3

INPUT	OPERATION
SPECIFICATION OF DEBUG OBJECT PROGRAM ADDITION OF BREAK POINT DELETION OF BREAK POINT ADDITION OF VARIABLE MONITORING DELETION OF VARIABLE MONITORING	NOTIFICATION TO SETTING-STATUS MANAGER
BEGINNING OF EXECUTION TEMPORARY HALT OF EXECUTION END OF EXECUTION STEP EXECUTION	NOTIFICATION TO EXECUTION-STATUS MANAGER
DISPLAY OF STACK STATUS DISPLAY OF VARIABLE STATUS	TO DECIDE STATUS EXISTENCE PLACE IN PLACE STATUS AND TO REQUEST STATUS TO PROCESS MANAGER AND TO OUTPUT STATUS WITH OUTPUT SHAPING FUNCTION

FIG. 4

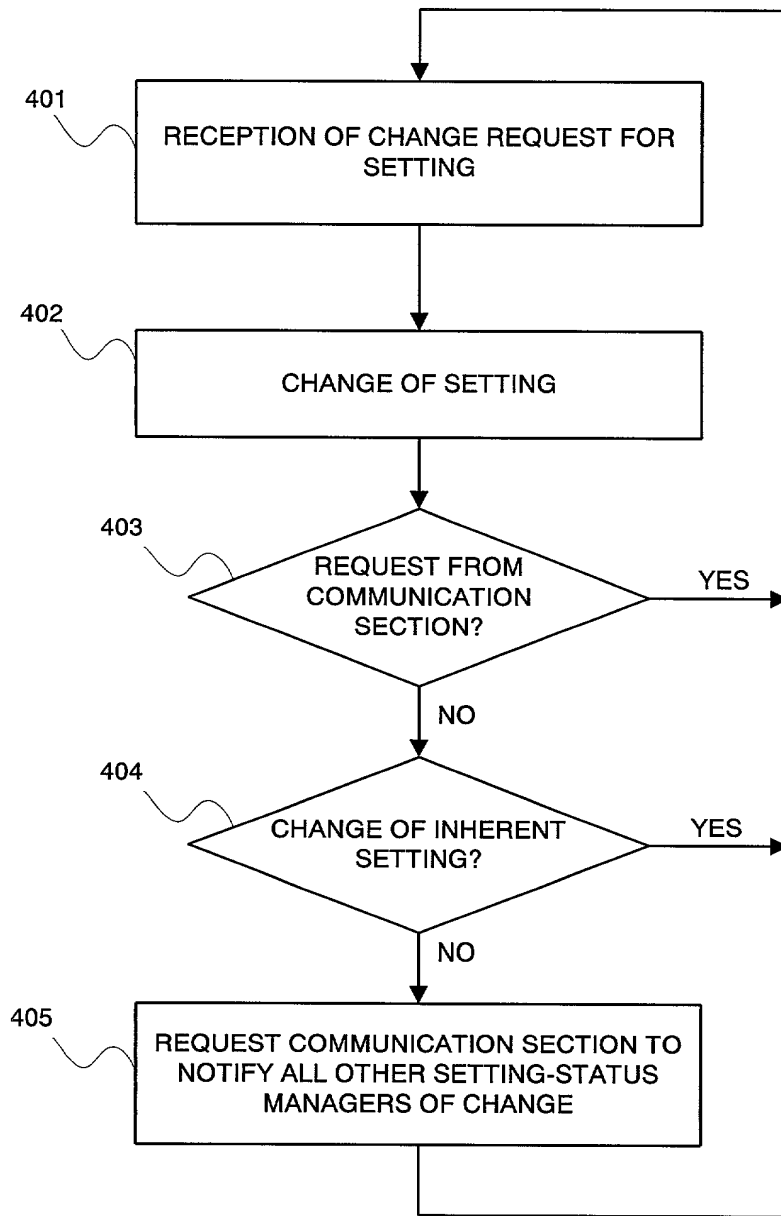


FIG. 5

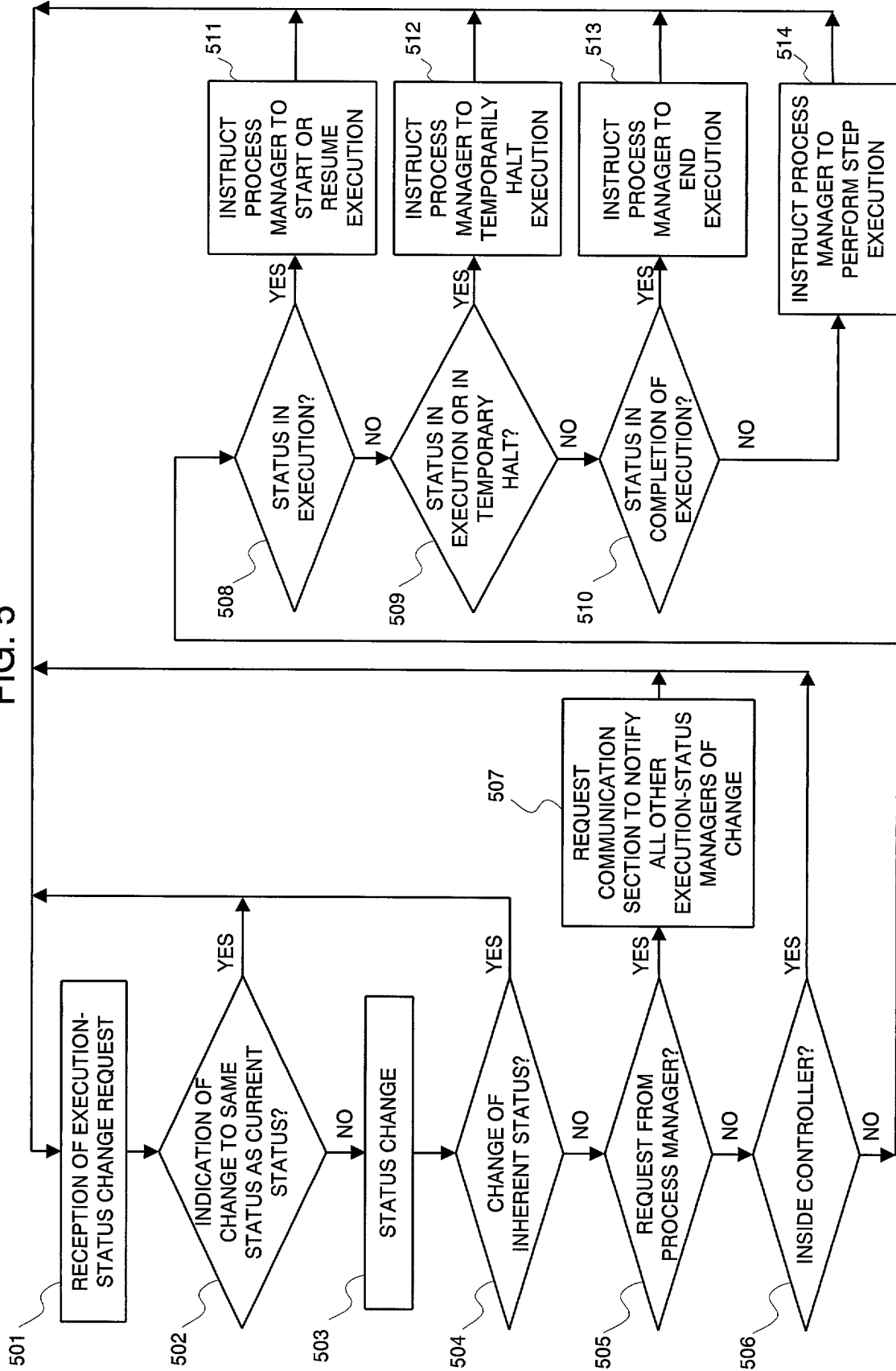


FIG. 6

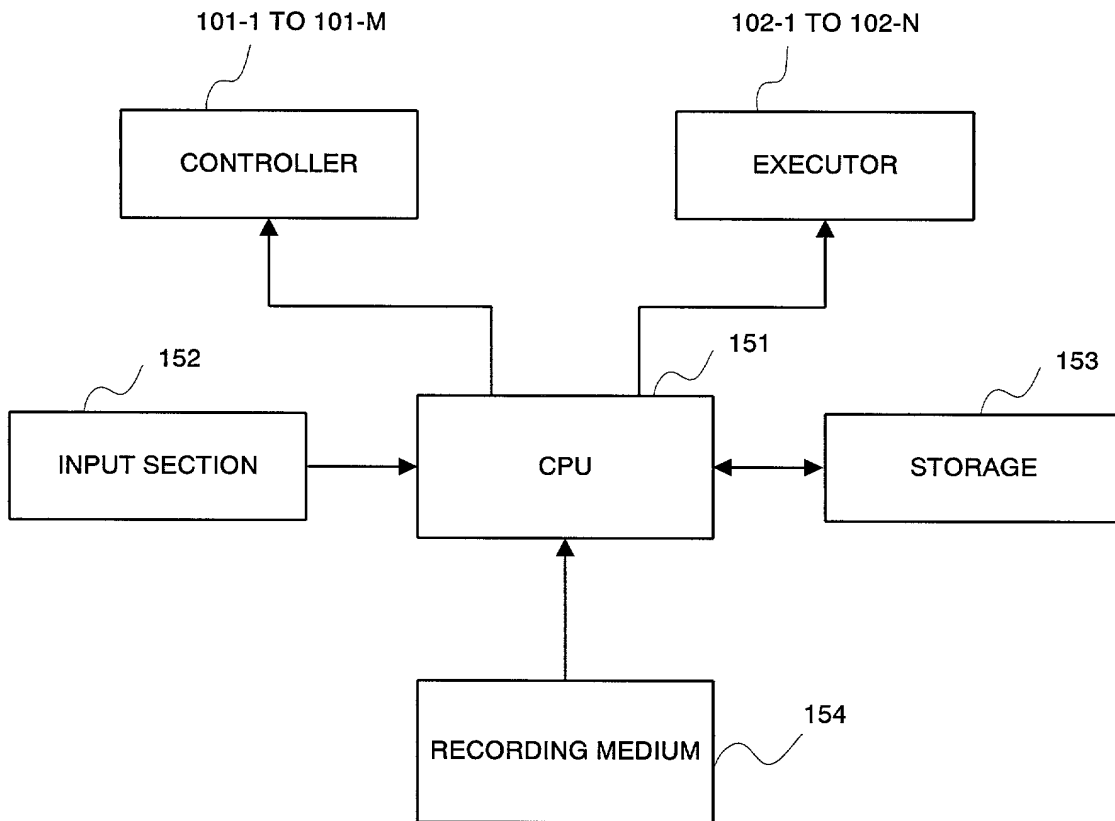


FIG. 7

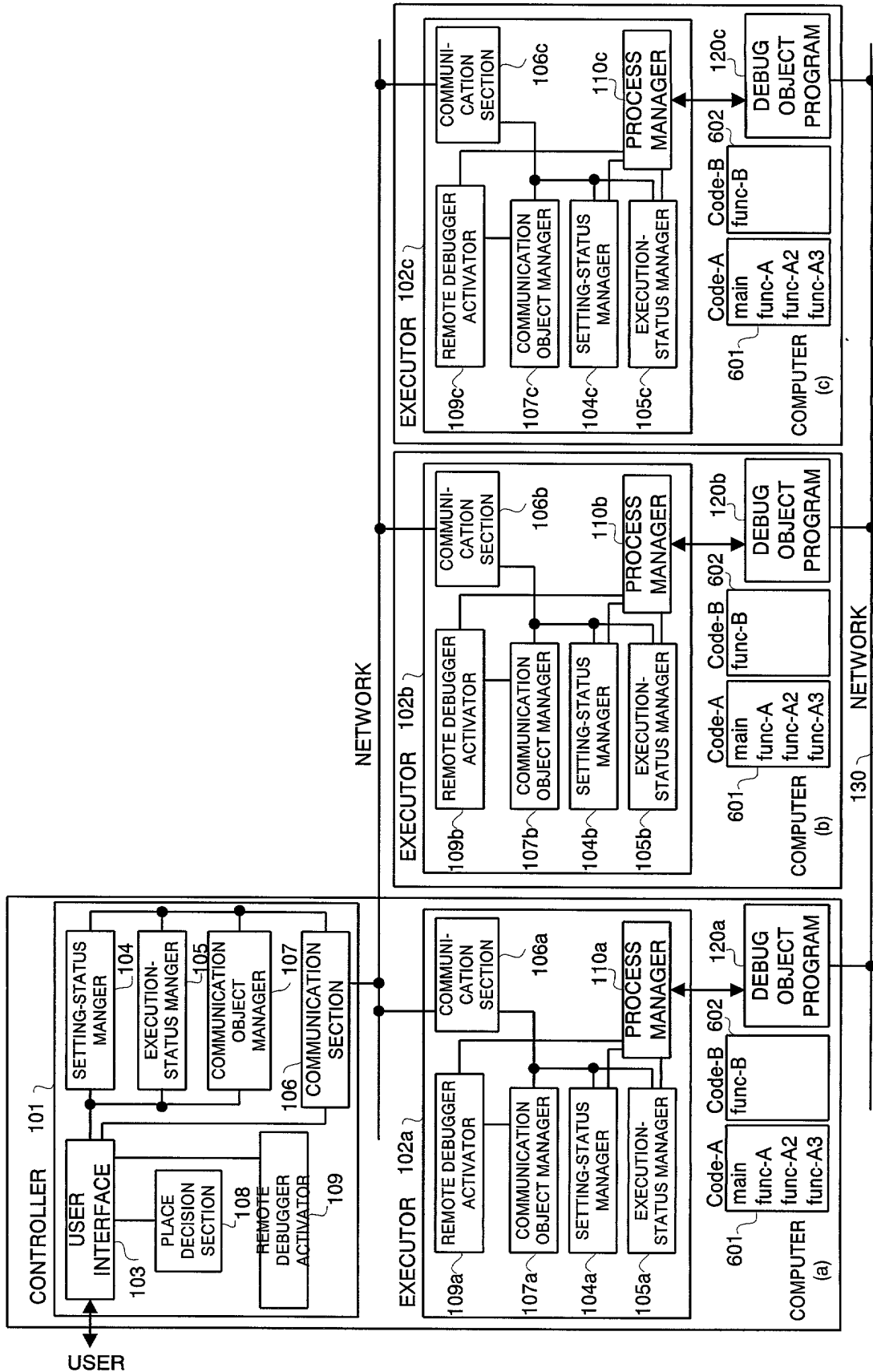


FIG. 8

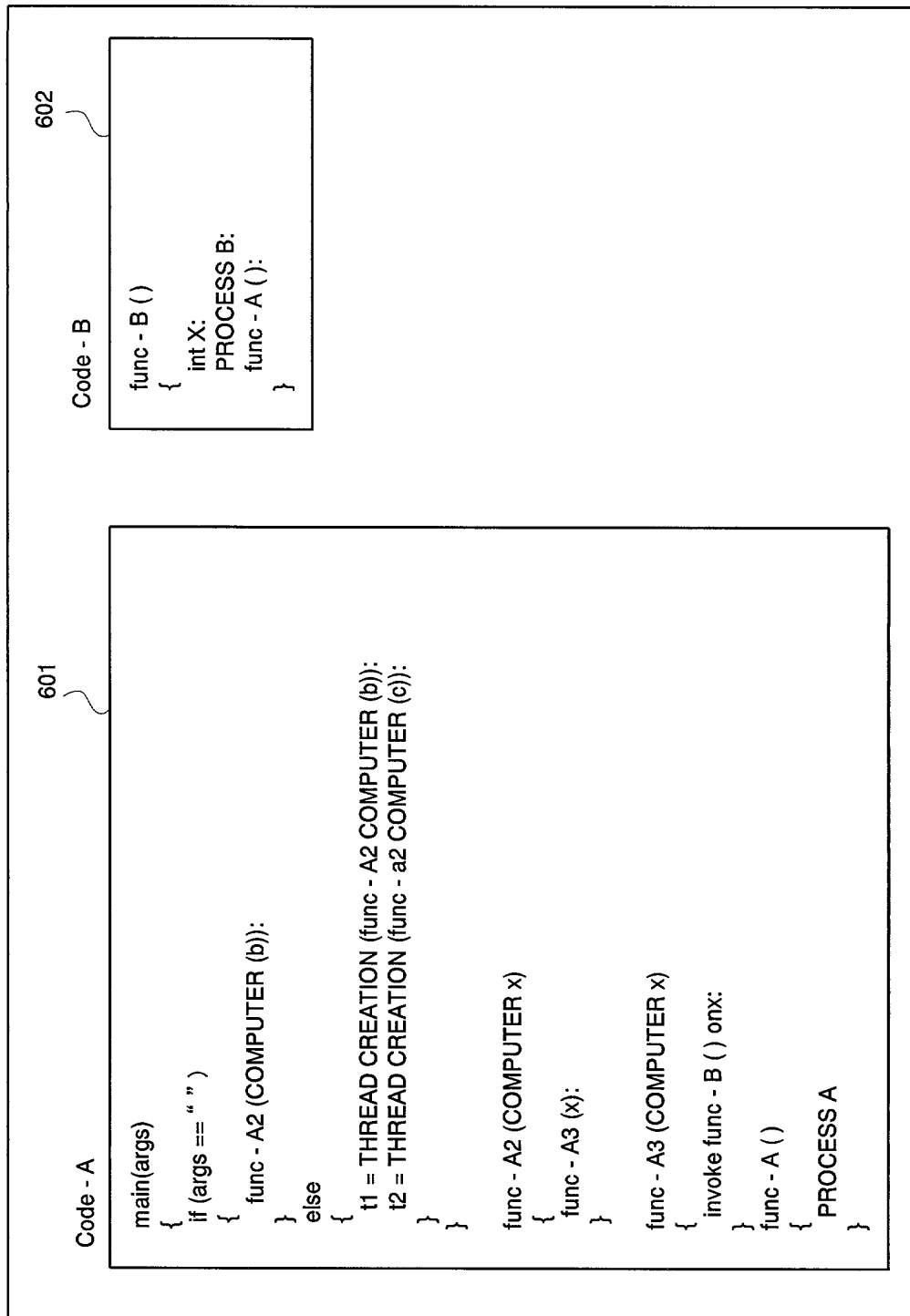


FIG. 9

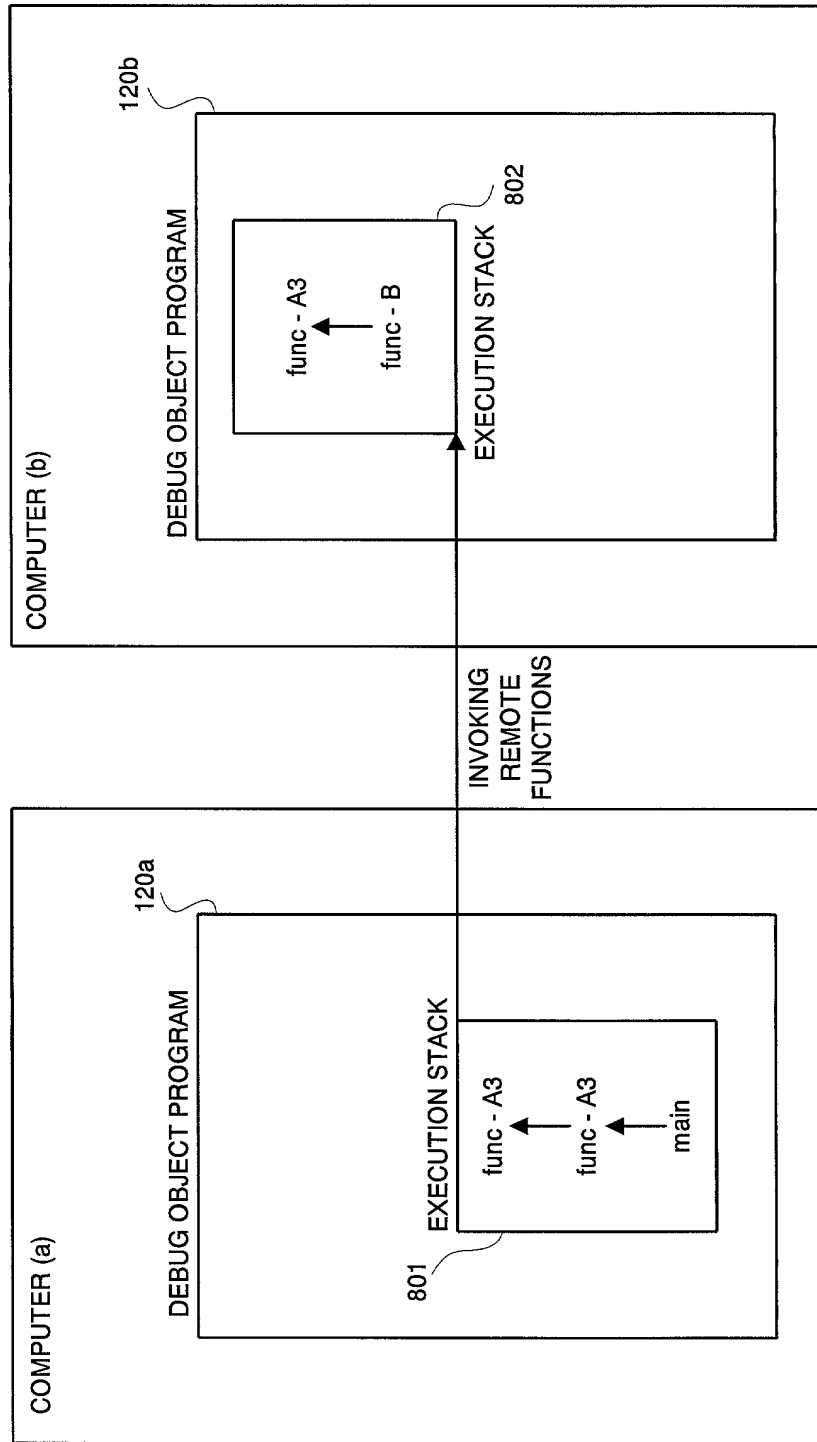


FIG. 10

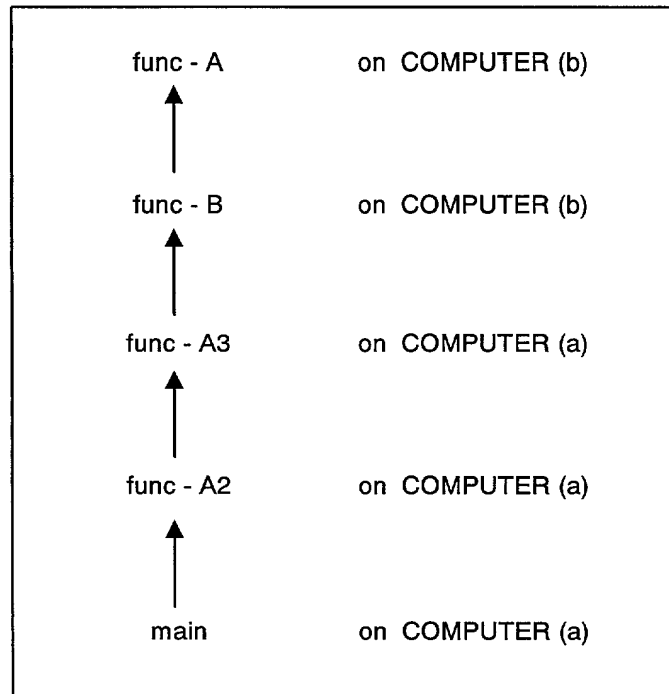


FIG. 11

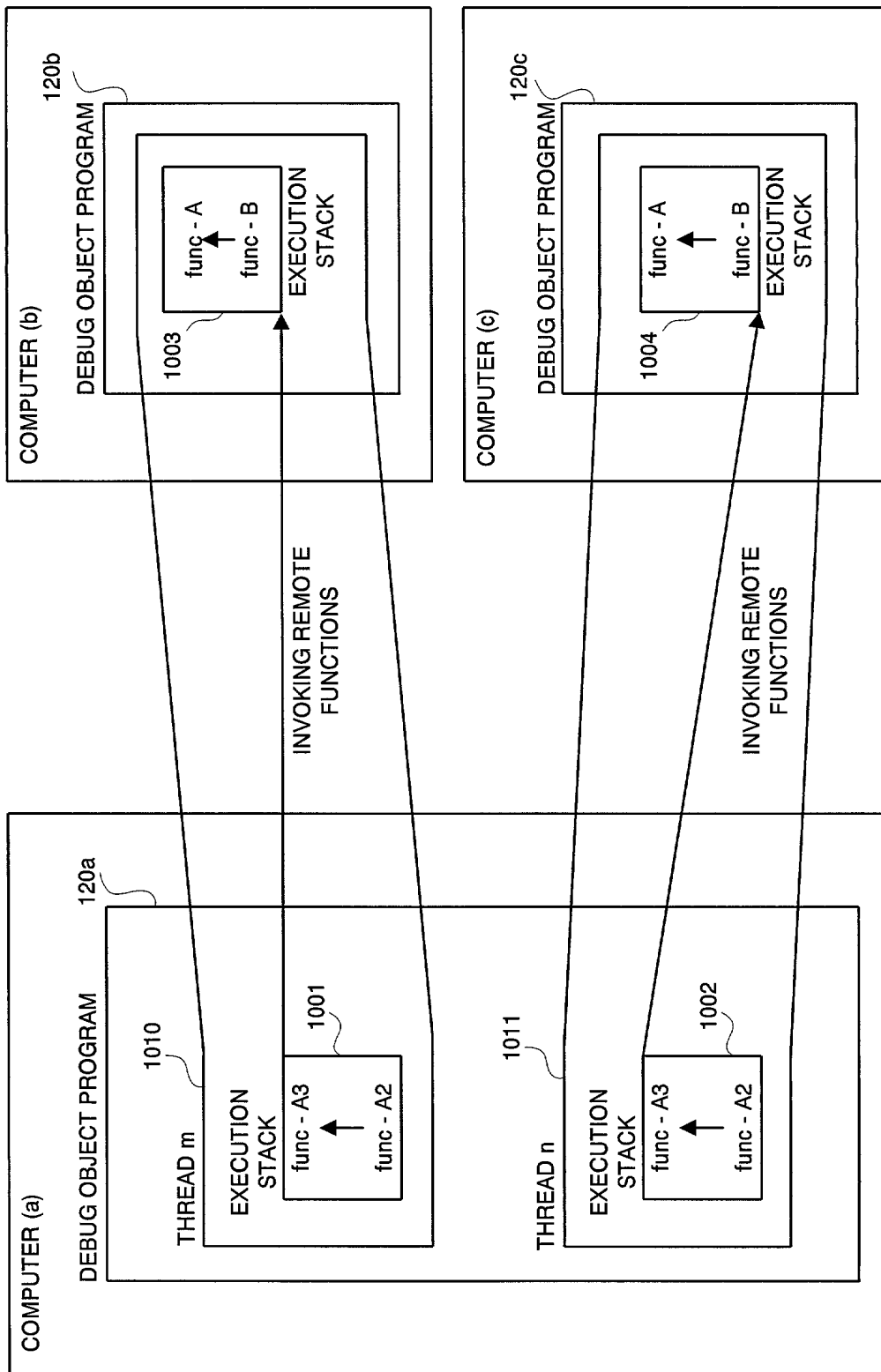


FIG. 12

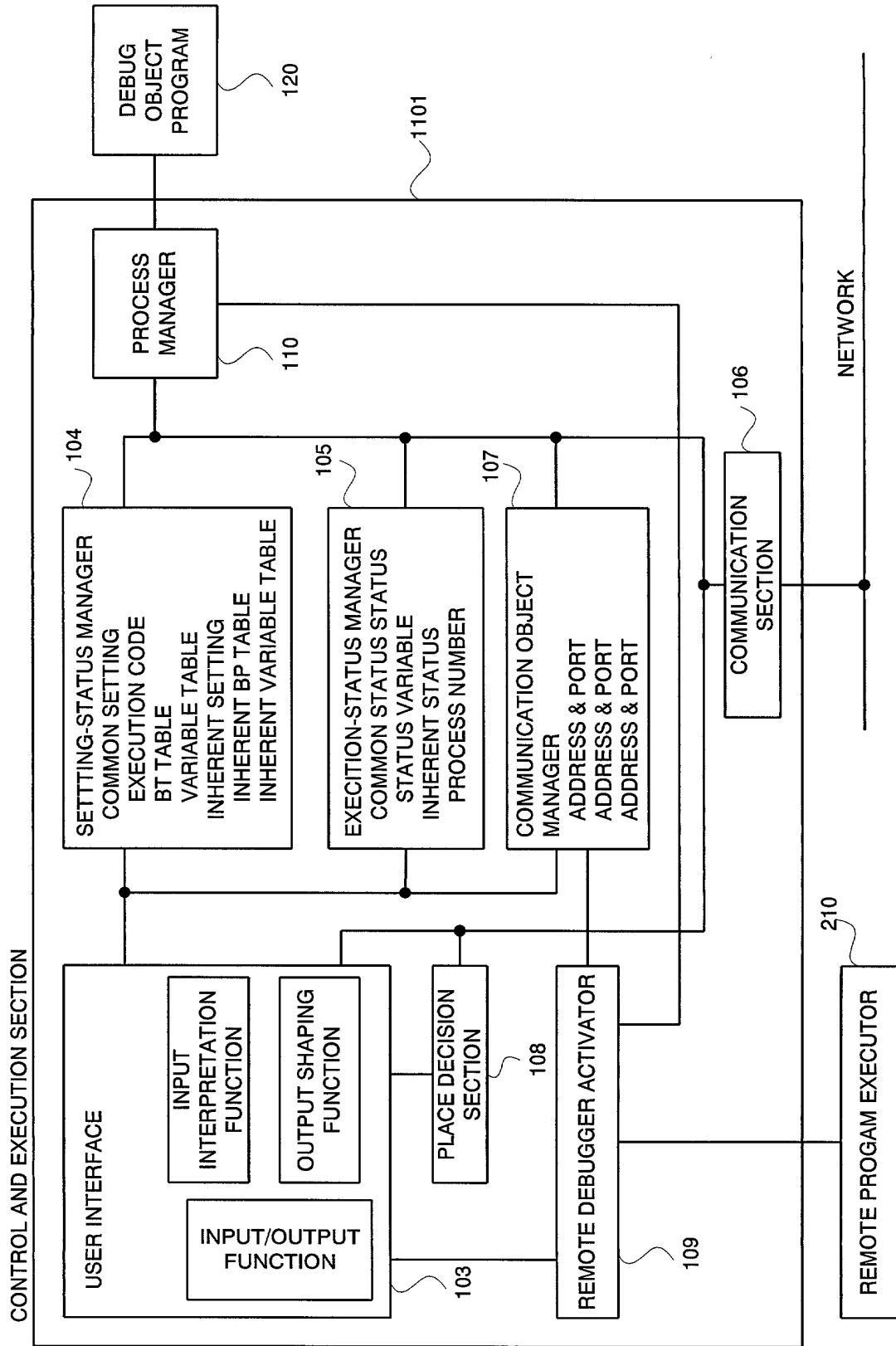


FIG. 13

